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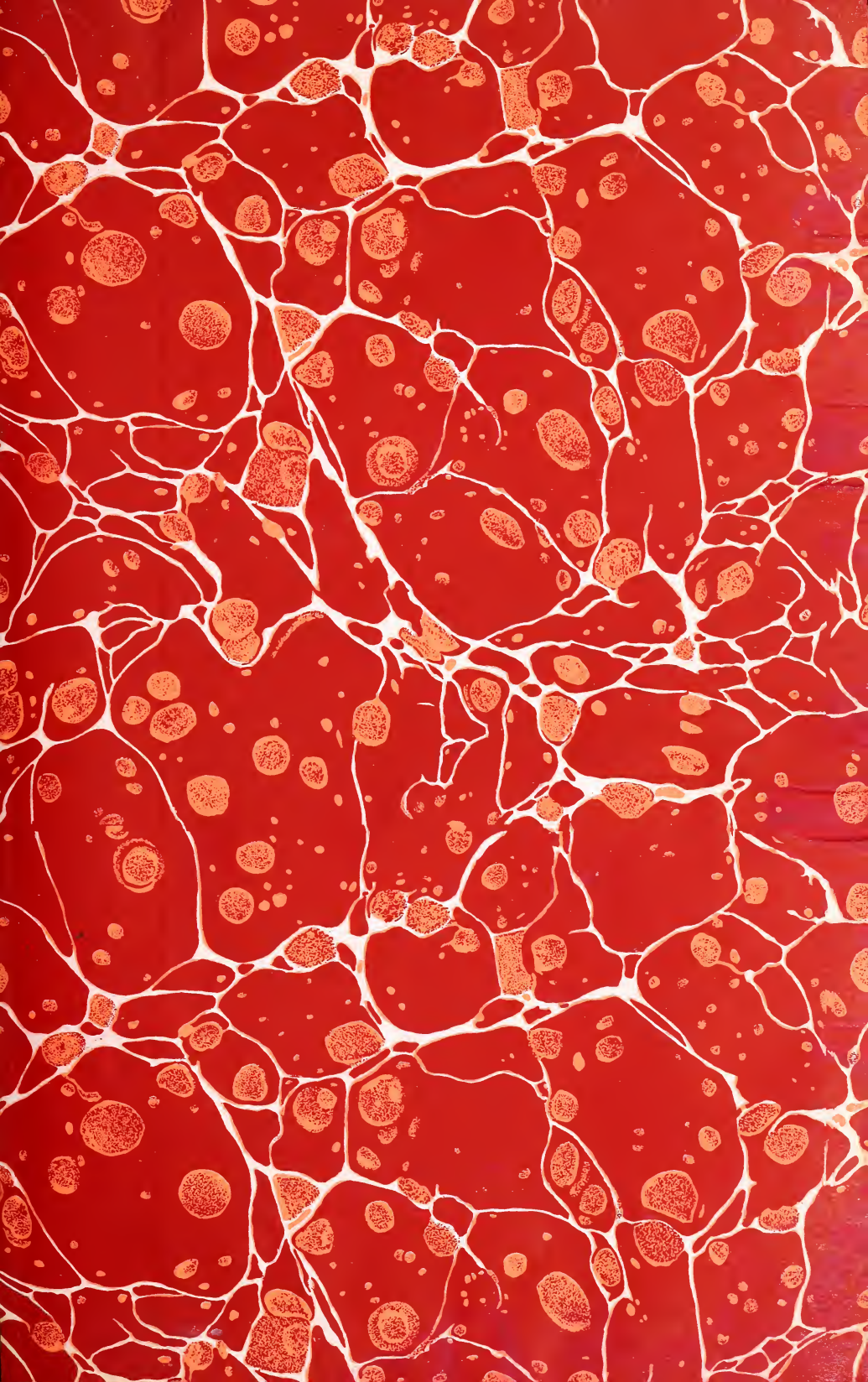
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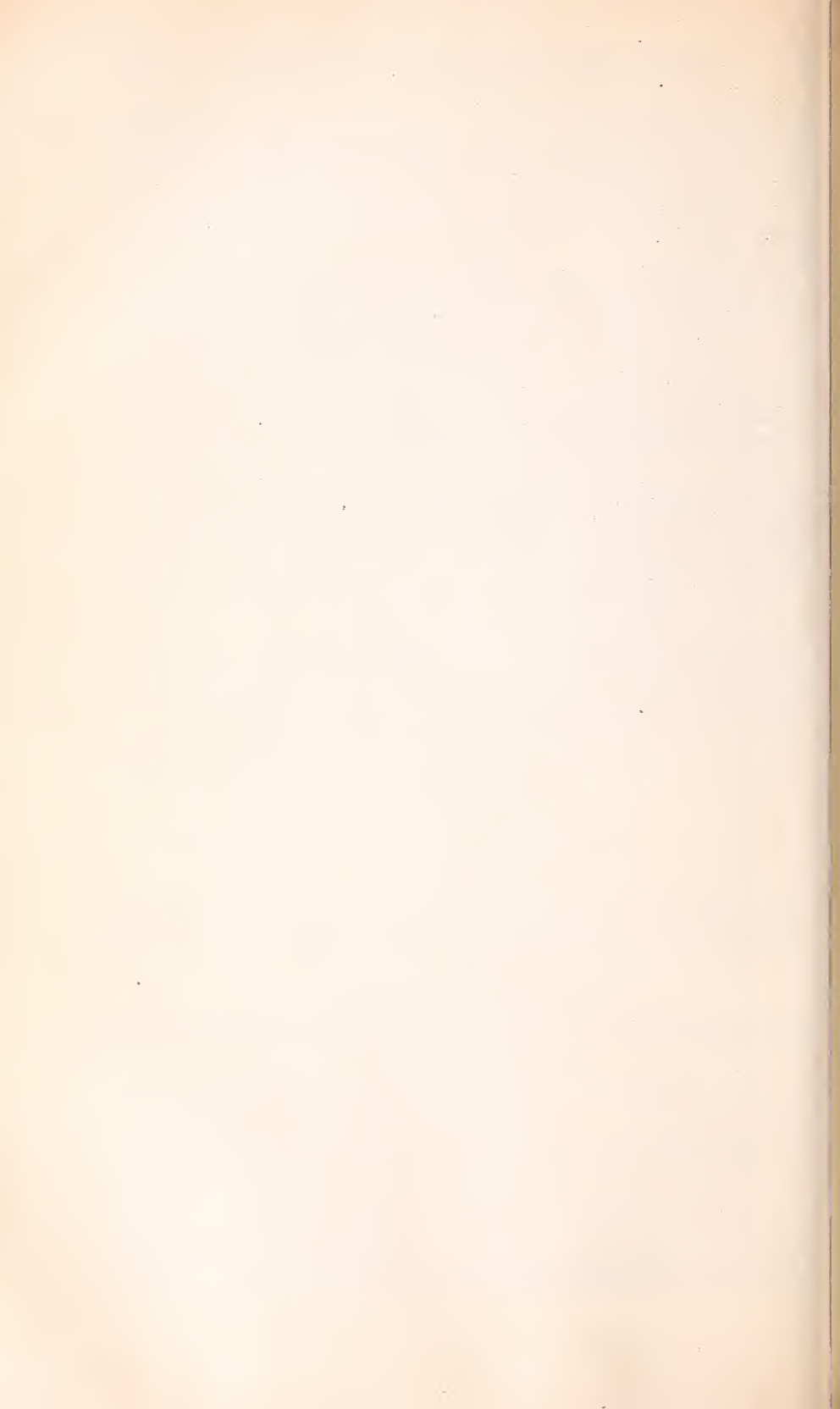
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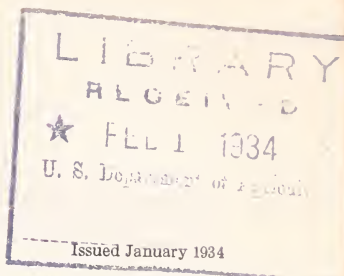
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S.R.A.—B.A.I. 320

# UNITED STATES DEPARTMENT OF AGRICULTURE

## SERVICE AND REGULATORY ANNOUNCEMENTS

### BUREAU OF ANIMAL INDUSTRY

DECEMBER 1933

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each or 25 cents a year (foreign, 45 cents). A supply will be sent to each official in charge of a station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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### CHANGES IN DIRECTORY

#### Meat Inspection Withdrawn

43. Philip B. Newmark, Inc., 1202-1204 Metz Street, Brooklyn, N.Y.  
 143. Almar Stores Corporation, Tenth and Somerville Streets, Philadelphia, Pa.

#### Change in Name of Official Establishment

996. Walter and Irving Blumenthal, 403-409 East Forty-fourth Street, New York N.Y., instead of United Dressed Beef Co.

#### Change in Address of Official in Charge

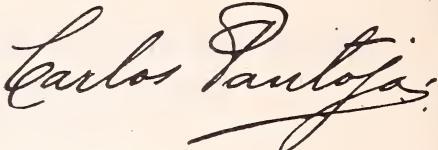
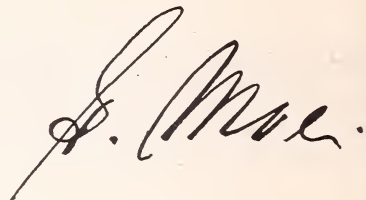
Dr. G. R. Hartman, 66 Federal Building, Chattanooga, Tenn., instead of 402 Post Office Building.

Dr. F. N. Elwell, 228 Federal Building (mail P.O. box 2131, Wichita, Kans.), instead of 304 Federal Building.

## NOTICES REGARDING MEAT INSPECTION

## FOREIGN MEAT-INSPECTION OFFICIALS

Names and specimen signatures of foreign officials who have been authorized by their national governments to sign and issue foreign meat-inspection certificates for meat and meat food products exported to the United States are as follows:

Country and name	Signature
BRAZIL Dr. Carlos Pantoja.....	
NORWAY S. Moe.....	

## SPECIAL REQUIREMENTS FOR FRESH MEAT CUTS EXPORTED TO ENGLAND AND WALES

Referring to the notice in Service and Regulatory Announcements of June 1933 concerning fresh meat and organs for England and Wales, the Bureau has been officially informed that in order to insure uniformity of practice in administering the regulations the Association of Port Sanitary Authorities of the British Isles has considered certain cuts of imported meat in regard to which difficulties might arise and adopted recommendations as to the inclusion in such cuts of the lymphatic glands and/or serous membrane in close anatomical relationship thereof. The list of cuts and recommendations, which become effective March 31, 1934, is as follows:

## PORK CUTS

Cut	Recommendation
A.C. hams.....	{ All pork hams should have the popliteal gland, the superficial inguinal or supra-mammary glands in situ.
Pork legs.....	
Bellies.....	{ Should have both pleura and peritoneum in situ.
Cumberland sides.....	
Pork loins.....	The pleura, peritoneum and the renal and lumbar lymphatic glands should be left in situ.
Picnic hams.....	{ These are cuts from the shoulder and the prescapular gland should be left in situ.
Boston butts (boneless).....	
Boston butts (bone in).....	
Pork roasts.....	
Boneless shoulders.....	{ Consist entirely of the rind and fat from the back. There are no lean, no bone, and no glands. Complies with the regulations and should be admitted.
Back fat.....	



Cut	BEEF AND MUTTON CUTS
<i>With bone</i>	Recommendation
Beef buttock-----	The popliteal lymphatic gland and the superficial inguinal or supra-mammary gland should be left in situ.
Clod and sticking piece---	Half of the prescapular gland should be left in situ.
Fore rib-----	The pleura and the dorso-costal lymphatic glands should be left in situ.
Rib and pony-----	Half the prescapular gland, the dorso-costal lymphatic glands and the pleura should be left in situ.
Rump and loin-----	The cut should be made through the precrural lymph gland so that part of this gland is available for inspection in this cut, the other part being included in the thick flank. In addition the iliac, lumbar, and renal lymphatic glands, the peritoneum and as far as possible half of the ischiatic lymph gland should be left in situ.
Saddle of mutton-----	The iliac, lumbar, renal glands and the peritoneum should be left in situ.
<i>Without bone</i>	
Beef fillets-----	{ Should be accepted in spite of the fact that neither lymphatic glands nor peritoneum are available for inspection.
Tenderloins-----	
Beef hams-----	The popliteal gland should be left in situ.
Clod and sticking piece---	Half the prescapular gland should be included in this cut.
Shins-----	Should be accepted though no glands are available for inspection.
Silverside-----	{ Each should contain half the popliteal lymphatic gland.
Topside-----	
Sirloin butts-----	Should be accepted though there are no glands or serous membrane available for inspection.
Sirloin strips-----	All the pleura belonging to the part and as much peritoneum as possible should be left in situ.
Spencer rolls-----	In the preparation of this cut the pleura should be incised down the middle of each rib. The ribs should then be removed without tearing away any of the pleura, the cut edges of which will fall together and so leave the whole surface of this serous membrane available for inspection.
Thick flank-----	Half the precrural lymph gland should be left in situ.
Tongues-----	Should not be trimmed closely. The fat in which the submaxillary lymphatic glands lie, together with such glands should be left in situ.
Ox (short cut).	
Sheep.	
Quarters of beef (fores and hinds).	All lymphatic glands and all serous membranes should be left in their natural positions.

# ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER 1933 <sup>1</sup>

Station	Cattle	Calves	Sheep and lambs	Goats	Swine
Baltimore.....	7,332	1,380	1,184	-----	71,798
Buffalo.....	8,667	2,004	7,153	-----	73,711
Chicago.....	137,380	33,856	258,616	-----	714,143
Cincinnati.....	13,743	5,643	8,912	-----	74,521
Cleveland.....	5,297	( <sup>2</sup> )	( <sup>2</sup> )	-----	55,467
Denver.....	9,940	1,623	( <sup>2</sup> )	-----	32,640
Detroit.....	6,156	4,177	22,580	-----	73,622
Fort Worth.....	23,504	22,424	19,804	-----	27,602
Kansas City.....	73,139	26,079	70,762	-----	285,370
Los Angeles.....	11,733	3,057	32,905	-----	25,672
Milwaukee.....	19,541	51,432	8,783	-----	132,007
National Stock Yards.....	59,654	27,324	44,822	-----	322,068
New York.....	30,228	43,298	207,738	-----	( <sup>2</sup> )
Omaha.....	72,048	6,942	124,175	-----	184,743
Philadelphia.....	6,262	7,963	19,296	-----	78,596
Sioux City.....	38,477	3,587	66,905	-----	127,710
South St. Joseph.....	26,376	( <sup>2</sup> )	( <sup>2</sup> )	-----	163,945
South St. Paul.....	47,396	63,991	84,002	-----	246,120
All other stations.....	180,132	119,185	378,293	602	1,811,312
Total:					
November 1933.....	777,005	423,965	1,355,930	602	4,501,047
November 1932.....	627,328	376,356	1,388,485	822	3,778,127
11 months ended:					
November 1933.....	7,934,506	4,504,777	15,963,435	5,958	42,695,854
November 1932.....	7,058,347	4,164,854	16,634,745	6,227	40,661,374
New York, Brooklyn, Jersey City and Newark <sup>3</sup> .....	39,247	53,493	256,222	-----	220,956

<sup>1</sup> Horses slaughtered:

November 1933.....	3,213
November 1932.....	5,616
11 months ended:	
November 1933.....	38,322
November 1932.....	58,866

<sup>2</sup> Included in "All other stations."

<sup>3</sup> The slaughter figures in this group of cities are included in the figures above for "New York" and "All other stations" and are combined here to show total in the Greater New York district.

Inspections of lard at all establishments, 145,899,460 inspection pounds; compound and other substitutes, 31,251,650 inspection pounds; sausage, 59,523,725 inspection pounds; oleomargarine, 8,774,550 inspection pounds.

Corresponding inspections for November 1932: Lard, 135,230,508 inspection pounds; compound and other substitutes, 27,498,256 inspection pounds; sausage, 53,617,526 inspection pounds; oleomargarine, 6,141,600 inspection pounds.

(These totals of inspection pounds do not represent actual production as the same product may have been inspected and recorded more than once in the process of manufacture.)

## CAUSES OF CONDEMNATION OF CARCASSES, OCTOBER 1933

Cause	Cattle	Calves	Sheep and lambs	Swine
Emaciation.....	1,295	140	421	46
Hog cholera.....	-----	-----	-----	2,715
Inflammatory diseases.....	1,525	273	1,223	1,807
Immaturity.....	-----	337	-----	-----
Tuberculosis.....	1,866	28	1	2,550
Other causes.....	2,091	226	1,078	3,641
Total.....	6,777	1,004	2,723	10,759

# IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS, NOVEMBER 1933

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November 1933, with figures for other periods for comparison.

## Imports of food animals

Country of origin	Cattle	Swine	Sheep	Goats
Mexico.....	3,281	4	1	6
Canada.....	709	12	651	
Channel Islands.....	51			
Virgin Islands (to Puerto Rico).....	135	1		
<b>Total:</b>				
November 1933.....	4,156	17	652	6
November 1932.....	13,803	56	312	3
<b>11 months ended:</b>				
November 1933.....	68,754	264	1,670	86
November 1932.....	82,433	2,004	2,284	71

## Imported meats and meat food products

Country of origin	Fresh and refrigerated meats		Canned and cured	Other meat products	Total weight
	Beef	Other			
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Argentina.....			1,410,123		1,410,123
Australia.....	4,137			330	4,467
Brazil.....			5,763		5,763
Canada.....		22,659	69,710	11,351	103,720
New Zealand.....	682			923	1,605
Paraguay.....			267,268		267,268
Uruguay.....			1,532,068	36,960	1,569,028
Other countries.....			98,821	32,500	131,321
<b>Total:</b>					
November 1933.....	4,819	22,659	3,383,753	82,064	3,493,295
November 1932.....	31,973	105,152	2,000,150	272,704	2,409,979
<b>11 months ended:</b>					
November 1933.....	203,206	454,982	41,909,112	1,108,475	43,675,775
November 1932.....	478,595	1,412,228	23,922,123	2,677,413	28,490,359

Condemned in November 1933: Beef, 93 pounds.



## SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH STATES, NOVEMBER 1933

State	Tuberculin tests during month		Total to date					Inspector in charge	State official
	Cattle tested	Cattle reacted	Modified accredited counties		Once-tested-free herds	Accred-ited herds	Herds under super-vision		
			Number	Percent					
Alabama.....	12,077	24	20	30	79,504	306	79,810	R. E. Jackson.....	C. A. Cary, Auburn.
Arizona.....	2,087	17	0	0	9,766	3	9,890	F. L. Schneider.....	C. T. Guilfoyle, Phoenix.
Arkansas.....	5,290	0	8	11	32,020	5	32,025	S. H. Still.....	C. D. Stubbs, Little Rock.
California.....	26,764	1,005	6	10	24,368	106	25,303	W. E. Howe.....	C. U. Duckworth, Sacramento.
Colorado.....	199	0	0	0	7	41	57	R. O. Wilson.....	R. M. Gow, Denver.
Connecticut.....	19,144	396	1	13	2,554	8,434	12,470	R. L. Smith.....	Edwin R. Dimock, Hartford.
Delaware.....	3,544	16	1	33	4,891	2,218	7,536	E. B. Simonds.....	Ralph C. Wilson, Dover.
District of Columbia.....	0	0	1	100	45	2	47	A. E. Wight.....	J. V. Knapp, Tallahassee.
Florida.....	21,401	13	41	61	22,942	91	24,468	T. W. Cole.....	J. M. Sutton, Atlanta.
Georgia.....	3,305	4	79	49	134,239	40	134,319	W. C. Dendinger.....	Thomas W. White, Boise.
Idaho.....	4,615	8	44	100	51,307	39	51,351	John T. Dallas.....	D. W. Robison, Springfield.
Illinois.....	109,553	587	98	96	88,173	5,852	241,829	J. J. Lintner.....	J. L. Axby, Indianapolis.
Indiana.....	15,721	99	92	100	182,541	2,072	187,397	H. Busman.....	H. A. Seidl, Des Moines.
Iowa.....	147,376	2,004	79	80	100,000	1,748	200,000	J. A. Barger.....	J. H. Mercer, Topeka.
Kansas.....	750	13	62	59	119,149	586	119,735	N. L. Townsend.....	D. E. Westmorland, Frankfort.
Kentucky.....	6,108	5	120	100	163,597	24	163,797	W. F. Biles.....	E. P. Flower, Baton Rouge.
Louisiana.....	1,359	19	0	0	5,999	7	6,293	B. F. Goch.....	H. M. Tucker, Augusta.
Maine.....	8,776	25	16	100	43,074	691	43,817	J. B. Corliss.....	J. E. Richardson, Boston.
Maryland.....	17,021	104	6	26	25,577	14,108	46,821	E. B. Simonds.....	C. E. Clark, Lansing.
Massachusetts.....	26,875	1,416	2	14	11,216	7,403	19,037	E. A. Crossman.....	Charles E. O'Neal, Jackson.
Michigan.....	40,548	60	83	100	201,220	71	202,499	T. S. Rich.....	W. J. Butler, Helena.
Minnesota.....	204,508	656	68	78	158,091	3,321	162,237	W. J. Pretz.....	Edward Records, Reno.
Mississippi.....	3,727	10	11	13	30,443	14	30,463	H. Robbins.....	A. L. Felker, Concord.
Missouri.....	11,040	18	27	24	122,183	184	134,753	Ralph Graham.....	J. W. Crouse, Trenton.
Montana.....	20,102	37	12	39	43,867	91	44,025	J. W. Murdoch.....	W. A. Naylor, Albuquerque.
Nebraska.....	7,830	85	49	53	86,810	90	86,995	H. H. Francis.....	E. T. Faulder, Albany.
Nevada.....	2,952	11	17	100	3,437	5	3,442	R. A. Given.....	William Moore, Raleigh.
New Hampshire.....	14,406	33	10	5	4,556	12,679	17,235	E. A. Crossman.....	T. O. Brandenburg, Bismarck.
New Jersey.....	17,755	751	7	23	5,017	10,734	16,320	Ellis E. McCoy.....	D. C. Hyde, Columbus.
New Mexico.....	5,337	20	1	50	8,459	8	8,702	F. L. Schneider.....	C. C. Hise, Oklahoma City.
New York.....	112,041	7,742	31	50	19,729	104,326	132,079	H. B. Leonard.....	W. H. Lytle, Salem.
North Carolina.....	2,250	4	100	100	256,282	276	256,860	A. L. Heleman.....	T. E. Muncie, Harrisburg.
North Dakota.....	34,781	74	53	100	74,182	5,415	86,849	A. J. De Fosseur.....	
Ohio.....	78,403	595	88	100	244,433	4,447	246,008	H. H. Cohnour.....	
Oklahoma.....	48,777	264	11	14	41,078	156	41,234	L. J. Allen.....	
Oregon.....	11,426	70	20	81	89,006	1,259	90,376	S. B. Foster.....	
Pennsylvania.....	46,444	1,538	50	75	138,305	8,167	170,747	J. B. Reidy.....	

Rhode Island.....	87	0	0	0	816	676	1,738	E. A. Crossman.....	T. E. Robinson, Providence.
South Carolina.....	0	35	0	76	66,659	126	66,790	W. K. Lewis.....	W. K. Lewis, Columbia.
South Dakota.....	88	3	3	4	5,297	794	6,452	C. H. Hays.....	T. H. Ruth, Pierre.
Tennessee.....	28	1	54	57	187,355	47	187,465	H. L. Fry.....	A. C. Topmiller, Nashville.
Texas.....	9	15	29	6	47,926	220	49,266	H. L. Darby.....	L. C. Crabb, Fort Worth.
Utah.....	45	29	100	100	50,563	125	51,641	F. E. Murray.....	W. H. Hendricks, Salt Lake City.
Vermont.....	2,576	2	2	14	7,079	12,208	21,537	L. H. Adams.....	Edward H. Jones, Montpelier.
Virginia.....	65	82	82	82	141,354	714	142,319	R. E. Brookbank.....	H. C. Givens, Richmond.
Washington.....	187	37	37	95	51,522	68	67,376	J. C. Exline.....	Robert Prior, Olympia.
West Virginia.....	10	55	55	100	112,184	565	113,992	H. M. Newton.....	J. B. McLaughlin, Charleston.
Wisconsin.....	238	71	71	100	183,740	9,289	194,144	J. S. Healy.....	Walter Wisnicky, Madison.
Wyoming.....	5	0	0	0	799	5	891	W. A. Sullivan.....	H. D. Port, Cheyenne.
Total.....	21,061	1,716	56	56	3,483,361	215,916	4,039,437		

<sup>1</sup> Not including part of 1 county.

<sup>2</sup> Not including 76 towns.

## SUMMARY OF HOG-CHOLERA-CONTROL WORK, NOVEMBER 1933

State	Bureau veterinarians engaged in work <sup>1</sup>	Meetings addressed	Premises investigated	Demonstrations		Autopsies performed	Out-breaks reported
				Number	Hogs treated		
Alabama.....	1	1	93	3	22	—	—
Florida.....	1	1	94	16	246	4	20
Georgia.....	1	—	189	—	—	—	2
Illinois.....	3	1	168	1	41	85	93
Indiana.....	2	—	190	—	—	32	38
Iowa.....	2	2	140	2	124	55	60
Kansas.....	.5	—	12	—	—	—	6
Kentucky.....	2	1	259	—	—	22	17
Louisiana.....	1	—	55	16	206	—	10
Maryland.....	2	1	407	1	1	19	45
Michigan.....	1	—	27	1	34	2	24
Mississippi.....	1.03	4	121	1	121	3	—
Missouri.....	1	—	35	2	100	17	3
Nebraska.....	1	—	62	—	—	17	2
North Carolina.....	.5	—	19	5	1,091	2	2
Ohio.....	1.5	—	70	—	—	12	40
South Carolina.....	1	—	44	24	265	7	12
South Dakota.....	1	—	13	1	38	—	8
Tennessee.....	1	—	65	—	—	2	18
Texas.....	1	—	72	—	—	2	11
Virginia.....	1	—	266	4	81	11	4
Washington.....	1	—	39	—	—	5	15
Oregon.....	1	—	—	—	—	—	—
Wisconsin.....	1	1	29	1	26	8	13
Total.....	28.53	12	2,469	78	2,396	305	443

<sup>1</sup> Fractions denote veterinarians devoting part time to work.

NOTE.—No work reported from States not listed.

## ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES, NOVEMBER 1933

Period	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
	Cc	Cc	Cc	Cc	Cc
November 1933.....	64,416,764	54,752,576	79,897,513	3,053,080	13,783,297
November 1932.....	60,653,508	55,658,231	69,634,440	1,938,777	10,700,467
11 months ended—					
November 1933.....	813,496,098	732,583,854	897,221,254	61,631,059	162,738,822
November 1932.....	1,014,927,209	898,967,980	1,075,969,207	52,626,124	186,203,715

## PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

*Docket no. 390.*—In re B. W. Gillespie, doing business as the Gillespie Commission Co., market agency, Indianapolis, Ind. The Acting Secretary of Agriculture on July 15, 1932, issued an inquiry alleging that respondent had violated the Packers and Stockyards Act in that he was insolvent and had failed to execute and maintain a reasonable bond with suitable trustees to secure the performance of his obligations incurred as a market agency. This department has been officially advised that a bookkeeper of respondent embezzled sufficient sums of money to render respondent insolvent, all of which money has been paid back to the shippers or such claims are in process of settlement, and that respondent is no longer in business as a market agency or dealer at any stockyard but is now an employee of another registrant. Therefore, on December 6, 1933, this proceeding was dismissed without prejudice.

*Docket no. 422.*—In re Moog and Greenwald, market agency, Chicago, Ill. The Acting Secretary of Agriculture on July 25, 1933, issued an inquiry alleging that respondent had violated the Packers and Stockyards Act in that it had failed, neglected, and refused to execute and maintain a reasonable bond to suitable trustees to secure the performance of its obligations incurred as a market agency. On October 17, 1933, respondent admitted the truth of the matters alleged and waived a hearing thereon, and on November 11, 1933, filed a trust-fund agree-



ment which is satisfactory to the Chief of the Bureau of Animal Industry in lieu of a surety bond. On December 6, 1933, respondent was ordered to cease and desist from doing business as a market agency without executing and maintaining a reasonable bond, or without submitting some other form of indemnity which would afford substantially equivalent protection.

*Docket no. 428.*—In re Veach Commission Co., market agency, St. Louis, Mo. The Acting Secretary of Agriculture on August 22, 1933, issued an inquiry alleging that respondent was insolvent in that it was unable to pay its debts as they became due in the usual course of business. On November 3 and 13, 1933, hearings were held and evidence submitted establishing the insolvency of respondent as alleged in the inquiry. On December 6, 1933, respondent was suspended from registration as a market agency for 6 months with leave during said period to apply for a revocation of this suspension upon satisfactory proof to the Secretary that it is then solvent.

## RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the Bureau, as follows:

### Twenty-eight Hour Law

Pennsylvania Railroad Co. (2 cases), \$200 penalties.

Wabash Railway Co., \$100 penalty.

### Meat Inspection Law

For offering uninspected meat for interstate transportation: Benjamin Polakoff, Philadelphia, Pa., \$1,000 fine and 3 months' imprisonment.

## OFFICIAL STATISTICS AND THEIR INTERPRETATION

The attention of Bureau employees is called to an order of the Executive Council dealing with the publication or public discussion of Federal statistics. Bureau employees will be governed by the following procedure:

Statistics relating to general activities, particularly when already made public in printed or mimeographed reports, may be quoted and used together with explanatory comment of factual nature. On the other hand, Government statistics relating to employment, reemployment, and finances, especially when they pertain to work of other Federal agencies or that affect policies of administration, should not be interpreted or publicly discussed without first obtaining from the Washington office official approval of proposed statements. The purpose is to insure the accurate and proper presentation of official statistical data.

## NEW PUBLICATIONS OF THE BUREAU

[The Bureau keeps no mailing list for sending publications to individual employees but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin 397. Comparison of Grain Rations for Beef Calves Before and After Weaning. By W. H. Black, Animal Husbandry Division, and E. A. Trowbridge, University of Missouri. Pp. 16.

Technical Bulletin 384. Utilization and Cost of Power on Corn Belt Farms. By L. A. Reynoldson, Bureau of Agricultural Economics; W. R. Humphries, Bureau of Agricultural Engineering; S. R. Speelman and E. W. McComas, Animal Husbandry Division, Bureau of Animal Industry; and W. H. Youngman, Bureau of Agricultural Economics. Pp. 60, figs. 12.

Farmers' Bulletin 684 (revised). Squab Raising. By Alfred R. Lee and Shepard K. Haynes, Animal Husbandry Division. Pp. 21, figs. 19.

Amendment 5 to B.A.I. Order 340. Declaring Names of Counties Placed in Modified Accredited Area for Tuberculosis. Effective December 1, 1933. P. 1, mimeographed.

## ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY

*Chief:* JOHN R. MOHLER.

*Associate Chief:* U. G. HOUCK.

*Assistant Chief:* A. W. MILLER.

*Administrative Officer:* CHARLES C. CARROLL.

*Chief Clerk:* J. R. COHRAN.

*Assistant to Chief:* D. S. BURCH.

*Animal Husbandry Division:* E. W. SHEETS, chief.

*Biochemic Division:* M. DORSET, chief.

*Division of Hog-Cholera Control:* U. G. HOUCK, chief.

*Division of Virus-Serum Control:* D. I. SKIDMORE, chief.

*Field Inspection Division:* G. W. POPE, chief.

*Meat Inspection Division:* R. P. STEDDOM, chief.

*Packers and Stockyards Division:* A. W. MILLER, chief.

*Pathological Division:* HARRY W. SCHOENING, chief.

*Tick Eradication Division:* W. M. MACKELLAR, chief.

*Tuberculosis Eradication Division:* A. E. WIGHT, chief.

*Zoological Division:* MAURICE C. HALL, chief.

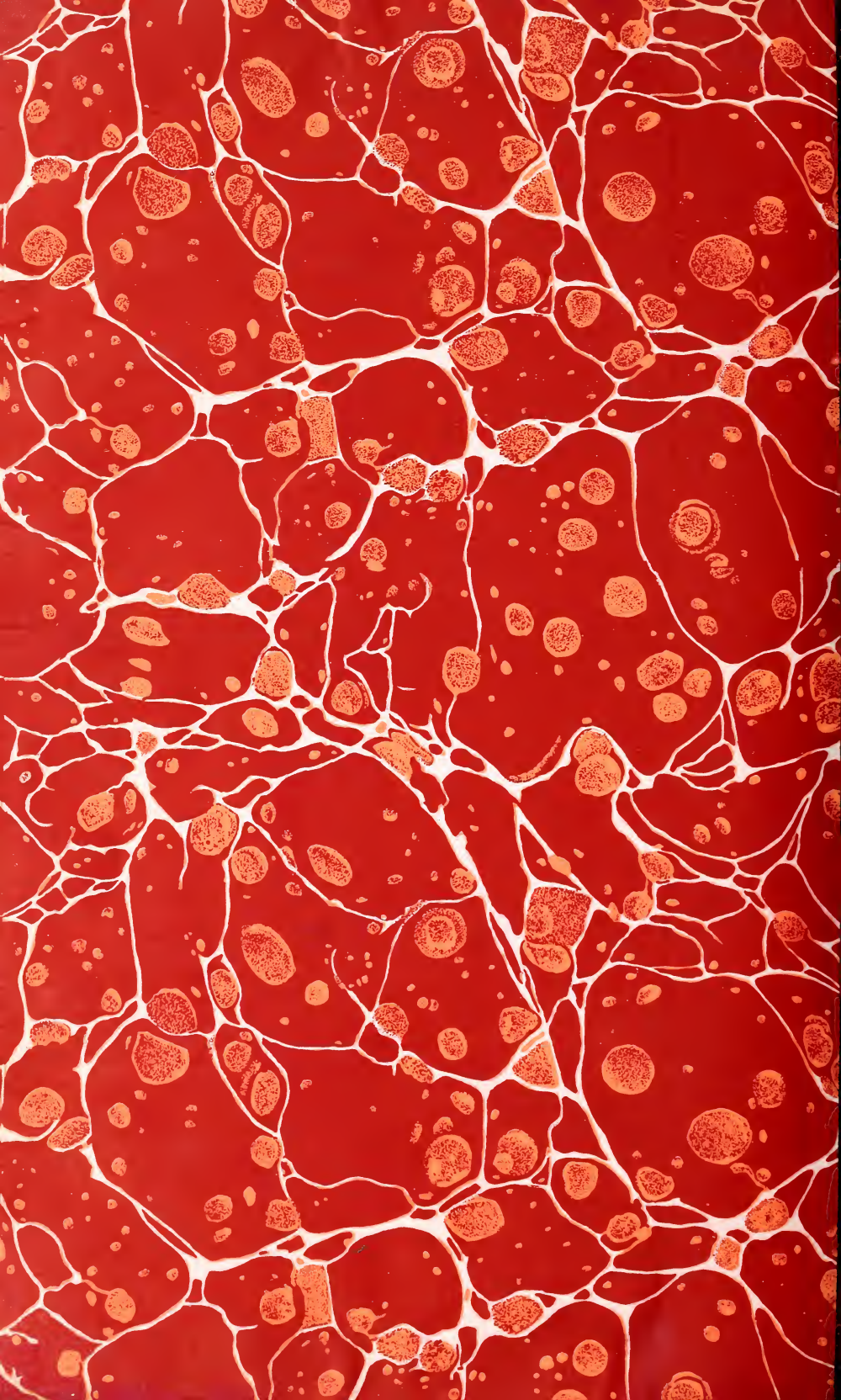
*Experiment Station:* W. E. COTTON, superintendent.

*Office of Accounts:* GEORGE F. TUCKER, in charge.

*Office of Personnel:* GEORGE R. BROWN, in charge.







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